AMENDED SEQUENCE LISTING

<110> Gillis, Kimberly
      Zhang, Yixiang

<120> Expression Analysis of SMARC Nucleic Acids and Polypeptides
       Useful In The Diagnosis And Treatment of Prostate Cancer

<130> 102729-16

<140> 09/997,424
<141> 2001-11-28

<150> 60/253,487
<151> 2000-11-28

<160> 5

<170> PatentIn version 3.2

<210> 1
<211> 16
<212> DNA
<213> Homo sapiens

<400> 1
cgtggccaac ccctga   16

<210> 2
<211> 20
<212> DNA
<213> Homo sapiens

<400> 2
cttggcctgg tcatttccaa   20

<210> 3
<211> 35
<212> DNA
<213> Homo sapiens

<400> 3
cacccctatc aaccccctat tgtagtaaac ttgga   35

<210> 4
<211> 2841
<212> DNA
<213> Homo sapiens

<400> 4
gaattccgcc tatcccatag tctcgctgcc ctgagcctcc cgtgccggcc ggccggccgg   60

gggaacaggc gggcgccggg gggcgctcgg ggggcggggg gagttccggt tccggttctt   120

tgtgcggctg catcggcggc tccgggaaga tggcggcccg ggcgggtttc cagtctgtgg   180

ctccaagcgg cggcgccgga gcctcaggag gggcgggcgc ggctgctgcc ttgggcccgg   240

cggaactccg gggcctcctg tgcgaatggg cccggctccg ggtcaagggc tgtaccgctc   300

cccgatgccc ggagcggcct atccgagacc aggtatgttg ccaggcagcc gaatgacacc   360

```
tcagggacct tccatgggac cccctggcta tggggggaac ccttcagtcc gacctggcct    420

ggcccagtca gggatggatc agtcccgcaa gagacctgcc cctcagcaga tccagcaggt    480

ccagcagcag gcggtccaaa atcgaaacca caatgcaaag aaaaagaaga tggctgacaa    540

aattctacct caaaggattc gtgaactggt accagaatcc caggcctata tggatctctt    600

ggcttttgaa aggaaactgg accagactat catgaggaaa cggctagata tccaagaggc    660

cttgaaacgt cccattaagc aaaaacggaa gctgcgaatt ttcatttcta acactttcaa    720

tccggctaag tcagatgccg aggatgggga agggacggtg gcttcctggg agcttcgggt    780

agaaggacgg ctcctggagg attcagcctt gtccaaatat gatgccacta aacaaaagag    840

gaagttctct tccttcttta agtccttggt gattgaactg gacaaagacc tgtatgggcc    900

agacaaccat ctggtagaat ggcacaggac cgccactacc caggagaccg atggcttcca    960

ggtgaagcgg ccaggagatg tgaatgtacg gtgtactgtc ctactgatgc tggattacca   1020

gcctccccag tttaaattag accccgcct agctcgactc ctgggcatcc atacccagac    1080

tcgtccagtg atcatccaag cactgtggca atatattaag acacataagc tccaggaccc   1140

tcacgagcgg gagtttgtca tctgtgacaa gtacctgcag cagatctttg agactcaacg   1200

tatgaagttt tcagagatcc ctcagcggct ccatgccttg cttatgccac cagaacctat   1260

catcattaat catgtcatca gtgttgaccc gaatgatcag aaaaagacag cttgttatga   1320

cattgatgtt gaagtggatg acaccttgaa gacccagatg aattctttc tgctgtccac    1380

tgccagccaa caggagattg ctactctaga caacaagaca atgactgatg tggtgggtaa   1440

cccagaggag gagcgccgag ctgagttcta cttccagccc tgggctcagg aggctgtgtg   1500

ccgatacttc tactccaagg tgcagcagag acgacaagaa ttagagcaag ccctgggaat   1560

ccggaataca tagggcctct cccacagccc tgattcgact gcaccaattc ttgatttggg   1620

ccctgtgctg cctgcctcat agtatctgcc ttggtcttgc ttggggcgtt ccaggggatg   1680

ctgttggttc aaggacaaga ccagaatgaa gagggtctca caagacacct gttatcctct   1740

tctttcaccc tatctcttcc cacccccagc ttcccctttgc cccacaaagt tcccatgtgc   1800

ctgtaccctc ccctggtcta cataggacct ctagatagtg ttagagagag aacatgtagt   1860

ggtaatgagt gcttggaatg gattggcctc aggccaggtg gtcttcaagg ggaccagcta   1920

actgatccta cccttcagag acccaggagt tgggtttcgc tccttctcca agactcaggc   1980

ctgtgggcac tctataagct agttgatctt ggctctcctg ataacagaat ccaatttcct   2040

tccttccctc cacaggtttg gaacaaactc tcccttcact tgttgccctg tagcactaca   2100

gaaaccctgg ttcttggctc cactgagccc caggtcagtc cccagcctct gggttggcct   2160

gctgtcagtg cttctctcac tccttagttg gggtccacat cagtattgga gttttgttct   2220
```
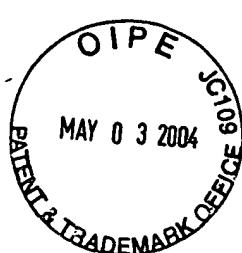
```
ttattgctcc ctcccagaca ctccctgtgg ctgccctttg tgattccctc agatctgccc    2280

taatcccggg catttgggtg ggggaatctt gcctttccct ttcagagccc cagggatctc    2340

atctggggaa ctgtcattgc cagcagaggc tgttccttcc tgcagtttgg agatgtgact    2400

cattccattc actcactcca ccctgcctct gcatccctta atggagaaac gggcctaaaa    2460

ccaaacgggt aaaaaagccc tgggccatcc ctgtcttcct gtcccttgtc tgcccagttg    2520

acacctactg gtgacttcta gggcactgag gagtgaaagc gcctagggct ggagaatagc    2580

gctgagttgg gtttgtgact cttccctctc cctgcctcac aggattgtga ctccccagcc    2640

cctgccctca aagcttcaga cccctcaggt agcagcagga ccttgtgatc ttggcccctt    2700

ggatctgaga tggtttttgc atctttccag gagagcctca cattcttctt ccaggttgta    2760

tcacccccga gttagcatat cccaggctcg cagactcaac acagcaaggg tgggagacag    2820

ctgggcacaa aggggattc c                                              2841
```

```
<210>   5
<211>   1724
<212>   DNA
<213>   Homo sapiens

<400>   5
gaattccggc gcaggcgccc gagccgagcg ccgagcaggg agcgggcggc cgcgctccgg      60

gccggggtcc cggggagca gatcctcaga atggcccttg gtgctgcagg cgcggtgggc      120

tccgggccca ggcaccgagg gggcactgga tgactctcca ggtgcaggac cctgccatct      180

atgactccag gtcttcagca cccacccacc gtggtacagc gccccgggat gccgtctgga      240

gcccggatgc cccaccaggg gcgcccatgg gcccccgggg ctccccgtac atgggcagcc     -300

ccgccgtgcg acccggcctg gccccgcgg gatggagccc gcccgcaagc gagcagcgcc      360

cccgcccggc agagccaggc acagagccag ggccagccgg agcccaccgc ccccgcgcgg      420

agccgcagtg ccaagaggag gaagatggct gacaaaatcc tccctcaaag gattcgggag      480

ctggtccccg agtcccaggc ttacatggac ctcttggcat ttgagaggaa actggatcaa      540

accatcatgc ggaaggggt ggacatccag gaggctctga agaggcccat gaagcaaaag      600

cggaagctgc gactctatat ctccaacact tttaaccctg cgaagtctga tgctgaggat      660

tccgacggca gcattgcctc ctgggagcta cgggtggagg ggaagctcct ggatgatccc      720

agcaaacaga agcggaagtt ctcttctttc ttcaagagtt tggtcatcga gctggacaaa      780

gatctttatg gccctgacaa ccacctcgtt gagtggcatc ggacacccac gacccaggag      840

acggacggct ccaggtgaa acggcctggg gacctgagtg tgcgctgcac gctgctcctc      900

atgctggact accagcctcc ccagttcaaa ctggatcccc gcctagcccg gctgctgggg      960

ctgcacacac agagccgctc agccattgtc caggccctgt ggcagtatgt gaagaccaac     1020
```

```
aggctgcagg actcccatga caaggaatac atcaatgggg acaagtattt ccagcagatt    1080
tttgattgtc cccggctgaa gttttctgag attccccagc gcctcacagc cctgctattg    1140
ccccctgacc caattgtcat caaccatgtc atcagcgtgg acccttcaga ccagaagaag    1200
acagcgtgct atgacattga cgtggaggtg gaggagccat taaaggggca gatgagcagc    1260
ttcctcctat ccacggccaa ccagcaggag atcagtcctc tggacagtaa gatccatgag    1320
acgattgagt ccataaacca gctcaagatc cagagggact tcatgctaag cttctccaga    1380
gaccccaaag gctatgtcca agacctgctc cgctcccaga gccgggacct caaggtgatg    1440
acagatgtag ccggcaaccc tgaagaggag cgccgggctg agttctacca ccagccctgg    1500
tcccaggagg ccgtcagtcg ctacttctac tgcaagatcc agcagcgcag gcaggagctg    1560
gagcagtcgc tggttgtgcg caacacctag gagcccaaaa acaagcagca cgacggaact    1620
ttcagccgtg tcccgggccc cagcattttg ccccgggctc cagctcactc ctctgccacc    1680
ttggggtgtg gggctggatt aaaagtcatt catctgggaa ttcc                    1724
```

SEQUENCE LISTING

<110> Gillis, Kimberly
      Zhang, Yixiang

<120> Expression Analysis of Smarc Nucleic Acids and Polypeptides
      Useful In The Diagnosis And Treatment of Prostate Cancer

<130> 102729-16

<140> 09/997,424
<141> 2001-11-28

<150> 60/253,487
<151> 2000-11-28

<160> 3

<170> PatentIn version 3.0

<210> 1
<211> 16
<212> DNA
<213> Homo sapiens

<400> 1
cgtggccaac ccctga   16

<210> 2
<211> 20
<212> DNA
<213> Homo sapiens

<400> 2
cttggcctgg tcatttccaa   20

<210> 3
<211> 35
<212> DNA
<213> Homo sapiens

<400> 3
cacccctatc aaccccctat tgtagtaaac ttgga   35